

REISSUE

REISSUE PATENT APPLICATION TRANSMITTAL													
ADDRESS TO: Commissioner for Patents Box Reissue Washington, D.C. 20231		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Attorney Docket No.</td> <td style="padding: 2px;">401191</td> </tr> <tr> <td style="padding: 2px;">First Named Inventor</td> <td style="padding: 2px;">Makoto Hatakenaka</td> </tr> <tr> <td style="padding: 2px;">Original Patent No.</td> <td style="padding: 2px;">5,910,181</td> </tr> <tr> <td style="padding: 2px;">Original Patent Issue Date (Month/Day/Year)</td> <td style="padding: 2px;">6/8/99</td> </tr> <tr> <td style="padding: 2px;">Express Mail Label No.</td> <td style="padding: 2px;"></td> </tr> </table>		Attorney Docket No.	401191	First Named Inventor	Makoto Hatakenaka	Original Patent No.	5,910,181	Original Patent Issue Date (Month/Day/Year)	6/8/99	Express Mail Label No.	
Attorney Docket No.	401191												
First Named Inventor	Makoto Hatakenaka												
Original Patent No.	5,910,181												
Original Patent Issue Date (Month/Day/Year)	6/8/99												
Express Mail Label No.													
APPLICATION FOR REISSUE OF: <input checked="" type="checkbox"/> Utility Patent <input type="checkbox"/> Design Patent <input type="checkbox"/> Plant Patent <i>(Check applicable box)</i>													
APPLICATION ELEMENTS 1. <input checked="" type="checkbox"/> Transmittal Form with Fee 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format <i>(amended, if appropriate)</i> 4. <input checked="" type="checkbox"/> Drawing(s) <i>(proposed amendments, if appropriate)</i> 5. <input checked="" type="checkbox"/> Reissue Oath/Declaration <i>(original or copy)</i> 6. Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If Yes, check applicable box(es))</i> <input checked="" type="checkbox"/> Written Consent of all Assignees <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney		ACCOMPANYING APPLICATION PARTS 7. <input checked="" type="checkbox"/> Statement of status/support for all changes to the claims. See 37 CFR 1.173(c) 8. Original U.S. Patent for surrender <input type="checkbox"/> Ribbioned Original Patent Grant <input type="checkbox"/> Statement of Loss (PTO/SB/55) 9. <input type="checkbox"/> Foreign Priority Claim (35 USC 119) <i>(If applicable)</i> 10. <input type="checkbox"/> Information Disclosure Statement (IDS) <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of Listed Documents 11. <input type="checkbox"/> English Translation of Reissue Oath/Declaration <i>(If applicable)</i> 12. <input checked="" type="checkbox"/> Preliminary Amendment 13. <input checked="" type="checkbox"/> Return Receipt Postcard <i>(Should be specifically itemized)</i> 14. <input checked="" type="checkbox"/> Other: Offer to Surrender Patent											

Instructions for Calculating Claim Fees:
 If Total Claims In Patent is greater than 20, use Number Filed In Reissue Application minus Total Claims In Patent; if Claims In Patent is less than 20, use Number Filed In Reissue Application minus 20.

CLAIMS AS FILED - PART 1					
BASIC FEE					\$ 710.00
	CLAIMS IN PATENT	NUMBER FILED IN REISSUE APPLICATION	NUMBER EXTRA	RATE	
TOTAL CLAIMS	9	18	9	x\$18.00	\$ 162.00
INDEPENDENT CLAIMS	2	4	2	x\$80.00	\$ 160.00
Total of above calculations =					\$1032.00
Reduction by 50% for filing by small entity =					(\$)
TOTAL =					\$1032.00

CLAIMS AS AMENDED - PART 2					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	
TOTAL CLAIMS			0	x\$18.00	\$
INDEPENDENT CLAIMS				x\$80.00	\$
Total of above calculations =					\$
Reduction by 50% for filing by small entity =					(\$)
TOTAL =					\$

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REISSUE PATENT APPLICATION TRANSMITTAL

Patent No. 5,910,181
Attorney Docket No. 401191

18. ☐ Please charge my Deposit Account No. 12-1216 in the amount of \$. A duplicate copy of this sheet is enclosed.
19. ☒ A check in the amount of \$1032.00 is enclosed.
20. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 12-1216:
- a. ☒ Fees required under 37 CFR 1.16.
 - b. ☐ Fees required under 37 CFR 1.17.

21. CORRESPONDENCE ADDRESS

☒ Customer Number: 23548



23548

PATENT TRADEMARK OFFICE

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Name Jeffrey A. Wyand, Reg. No. 29,458

Signature

Jeffrey A. Wyand
June 4, 2001

Date

ApTmlRei (Rev. 2/5/2001)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U. S. Patent 5,910,181 of:

HATAKENAKA et al.

Application No.: Unassigned Art Unit: Unassigned

Filed: June 4, 2001 Examiner: Unassigned

For: SEMICONDUCTOR INTEGRATED
CIRCUIT COMPRISING SYNCHRON-
OUS DRAM CORE AND LOGIC CIRCUIT
INTEGRATED INTO A SINGLE CHIP AND
METHOD OF TESTING THE SYNCHRON-
OUS DRAM CORE

ASSENT OF ASSIGNEE AND OFFER TO SURRENDER

Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

In accordance with 37 C.F.R. §1.172, Mitsubishi Denki Kabushiki Kaisha.,
Assignee and owner of the entire interest in United Patent 5,910,181 to Hatakenaka et al.,
for "Semiconductor Integrated Circuit Device Comprising Synchronous DRAM Core
And Logic Circuit Integrated Into A Single Chip And Method Of Testing The
Synchronous DRAM Core", assents to the filing of the accompanying reissue patent
application and the reissue declaration signed by the inventor.

In accordance with the provisions of 37 C.F.R. §1.178, the Applicant for reissue of
United State Patent 5,910,181 for "Semiconductor Integrated Circuit Device Comprising
Synchronous DRAM Core And Logic Circuit Integrated Into A Single Chip And Method
Of Testing The Synchronous DRAM Core", granted on June 8, 1999, naming Makoto

In re Application of Hatakenaka et al.
Application No. Unassigned

Hatakenaka, Akira Yamazaki, Shigeki Tomishima, and Tadato Yamagata as inventors, and assigned to Mitsubishi Denki Kabushiki Kaisha, offers to surrender the original Letters Patent upon allowance of the reissue patent application.

There are no concurrent proceedings in the United States Patent and Trademark Office concerning United States Patent 5,910,181, such as interferences, other reissue applications, or re-examinations, and no pending litigations in any forum.

I certify that the invention disclosed in United States Patent 5,910,181 is assigned by the inventors, Makoto Hatakenaka, Akira Yamazaki, Shigeki Tomishima, and Tadato Yamagata to Mitsubishi Denki Kabushiki Kaisha in an assignment dated October 20 and 27, 1997 and recorded in the assignment records of the United States Patent and Trademark Office at Reel 8879, Frame 0949 on November 4, 1997.

I state that I am authorized to act on behalf of Mitsubishi Denki Kabushiki Kaisha in offering to surrender the original Letters Patent, to request reissue of the original Letters Patent, and to verify the ownership of the patent.

mitsubishi denki kabushiki kaisha

MITSUBISHI DENKI KABUSHIKI KAISHA

By *Yoshiaki Kuwano*
Yoshiaki KUWANO
General Manager
Patent Administration Department

Date: May 24, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U. S. Patent 5,910,181 of:

HATAKENAKA et al.

Application No.: Unassigned

Art Unit: Unassigned

Filed: June 4, 2001

Examiner: Unassigned

For: SEMICONDUCTOR INTEGRATED
CIRCUIT COMPRISING SYNCHRON-
OUS DRAM CORE AND LOGIC CIRCUIT
INTEGRATED INTO A SINGLE CHIP AND
METHOD OF TESTING THE SYNCHRON-
OUS DRAM CORE

REQUEST FOR TRANSFER OF DRAWINGS FOR REISSUE APPLICATION

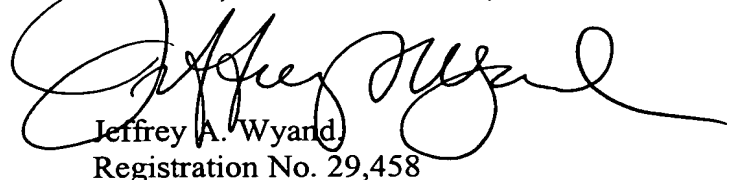
Commissioner for Patents
Washington, D. C. 20231

Dear Sir:

In accordance with 37 C.F.R. §1.172, the Reissue Applicant requests that the drawings for United States Patent 5,910,181 corresponding to Application Serial Number 08/964,236, filed November 4, 1997, be transferred to the reissue patent application. Fifteen sheets of drawings are attached for examination purposes.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.


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Date: June 4, 2001